

## Lagrangian multiforms: paths from classical to quantum.

Lagrangian multiform theory has appeared in the last 15 years as a variational approach to classical integrable systems. It describes both continuous and discrete systems, and initial steps have been made towards a quantum version. In this talk I will introduce Lagrangian multiform theory as it appears in classical integrable systems and its extensions to the semi-classical regime. I will highlight opportunities and potential obstacles for a quantum version of the theory.

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